Wor	k O	rder	ID	57546
wor	ΚU	raer	W	3/340



Page 1

April 8, 2010 9:14:32 AM

Item ID:

D3646-1

Accept

Setup Start

Stop



Revision ID:

Item Name:

Required Date: 4/13/10

Arm

4/08/10

Start Qty: 4.00

Req'd Qty: 4.00



Cust Item ID:

Customer:

Reference:

Start Date:

Approvals:

Process Plan: _____ Date: ____

Tooling:

Date:

Run

Start

Stop



QC: ___ Date:

SPC (Y/N):

Date:

Draw

Accept

Reject

Insp.

Work Center ID **Draw Nbr**

Operation Description

Set Up/ **Run Hours** Draw Number

Rev.

Plan Qty Code

Qty

Reject Number Stamp

Sequence ID/

Revision Nbr

D3646 Rev A

100

Brake NC Brake NC

Memo

NC BRAKE

Small Fab

1-Punch to length as per Dwg D3646 & template DT8958

110

Small Fab

Small Fab

0.00

0.00

0.00

Memo

1-Deburr

120

QC5- Inspect part completeness to step on W/O

0.00

QC

Quality Control

Memo

Dart Ae	rospace	e Ltd									
W/O:				WC	RK ORDER CHANG	ES			<u> </u>	······································	
DATE STE			PRO	OCEDURE CHA		1	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approvi QC Inspect
Part No):		PAR #:	Fault Cate	gory:	_ NCR:	Yes N	lo DQA:		_ Date: _	
	R	esolution	n	Disposition	n:	QA: N/C Closed: Date:					
NCR:					ER NON-CONFORMA						·
DATE	OTED		escription of NC		Corrective Action Section B			Verification		Anneval	Annual
DATE	SIEP		Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Section C			Approval Chief Eng	Approva QC Inspecto
 									_		-
		7.									
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Work Order ID 57546

April 8, 2010 9:14:32 AM



Page 2

Item ID:

D3646-1

Accept

Setup Start

Stop

Start



Revision ID:

Start Date:

Item Name: Arm

Required Date: 4/13/10

4/08/10

Start Qty: 4.00

Reg'd Qty: 4.00

Cust Item ID:

Customer:

Draw

Number

Reference:

Approvals:

Process Plan:

Date:

Date:

Tooling:

SPC (Y/N):

Date:

Plan

Code

Date:

Draw

Rev.

Stop

Reject

Qty

Number Stamp

Insp.

Sequence ID/

Work Center ID

130

Powdercoat

Powder Coating

Operation Description

Black Sandtex(Ref.4.3.5.7) per QSI005 4.3

Memo

START TIME: OVEN TEMPERATURE: FINISH TIME:

Set Up/ **Run Hours**

0.00

0.00 => }

10/05/14

Accept

Qty

Run

140

Quality Control

QC3- Inspect Part Finish

Memo

0.00

0.00

4- BR-10-5-14

Reject

150

Packaging Packaging

Identify as per dwg & Stock Location:

0.00

Memo

0.00

16-5-14

Dart Ae	rospace Lt	d						•
W/O:			WC	ORK ORDER CHANGES	S			
DATE	STEP	PR	PROCEDURE CHANGE			Date Qty	Approval Chief Eng / Prod Mgr	Approving QC Inspect
Part No):	PAR #:	Fault Cate	gory:	NCR: Yes	No DQA:	Date: _	
Resolution		lution:	Disposition: QA: N/C Closed: [.
NCR:			WORK ORDE	ER NON-CONFORMAN	ICE (NCR	1)	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
DATE	STEP	Description of NC		Corrective Action Section		Verification	1 Approval	Approva
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspect
								-
	<u> </u>							

Work Order ID 57546

April 8, 2010 9:14:32 AM

Required Date: 4/13/10



Page 3

Item ID:

D3646-1

Accept



Setup Start

Stop



Revision ID:

Start Date:

Item Name:

Arm

4/08/10

Start Qty: 4.00

Req'd Qty: 4.00



Cust Item ID:

Customer:

Draw

Number

Reference:

Approvals:

Process Plan:

Operation

Description

Date:

Tooling:

Date:

Start Run



QC:

Date:_____

4. 1. 1. 14

SPC (Y/N):

Set Up/

Run Hours

Date:

Qty

Reject

Insp.

Sequence ID/ Work Center ID

160

QC

Memo

OC21- Final Inspection - Work Order Release

0.00

0.00

Plan

Code

Draw

Rev.

Accept Qty Reject Number

Stamp

MF 10-5-14

Quality Control

Dart Ae	rospace Ltd	}										
W/O:		,	WORK ORDER CHANGES									
DATE	STEP	PROCEDURE CHANGE			Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto				
Part No				gory:								
Resolution:			Disposition: C			QA: N/C Closed: Date:						
NCR:		·	WORK ORDE	R NON-CONFORMAN	ICE (NCF	R)						
DATE	STEP	Description of NC	escription of NC Corrective Action			Verification	Approval	Approval				
DAIL	JILF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspecto				
·												
								<u> </u>				

Picklist Print

April 8, 2010 9:14:31 AM

Work Order ID: 57546

Parent Item:

Comments:

D3646-1

Parent Item Name:

Arm

IPP Rev. A new issue 07.07.25 EC verified by:JLM

Start Date: 4/08/10

Required Date: 4/13/10

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name

Item ID

Replacement Mfg/ Purch

Bin **Primary** Item Location

Last Location

Route Seq ID Unit of Measure

Qty on Hand

Remaining Qty To Pick Date **Issued** Status

Page 1

M304TR0.500W.035

Purchased

No

100

f

29.6240

8.3368

304 RD Tube .500 x .035W

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

MAT017

112187 112800 29.624

4.75 24.874

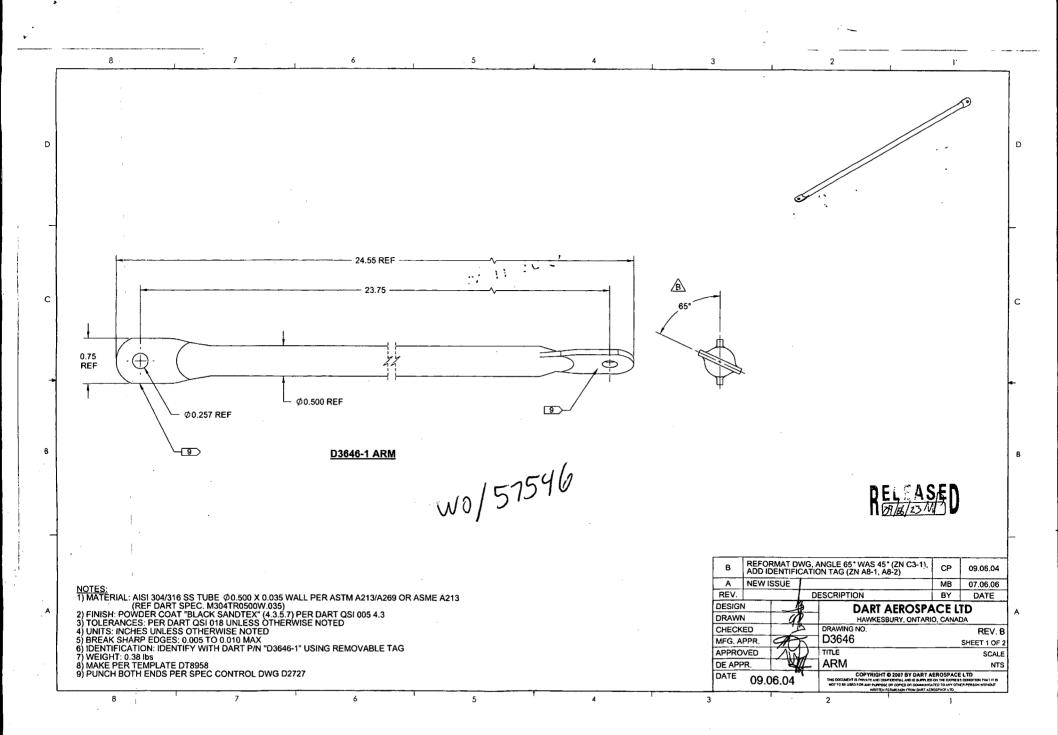
M114482

Qty

Issued

== m-h 8-3368 10/05/13

Dart Ae	rospace Ltd							•		
W/O:			WC	RK ORDER CHANG	ES	,				
DATE	STEP	PROCEDURE CHANGE				Date Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto		
Part No:			Fault Cate	gory:	NCR: Yes No DQA: Date:					
	Resolutio	n	Disposition	n:	QA: N/C Closed: Date:					
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCF	R)				
DATE	STEP	Description of NC		Corrective Action Section B		Verification	Approval	Approval		
	JIEF.	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Section C	Chief Eng	QC Inspecto		
								-		
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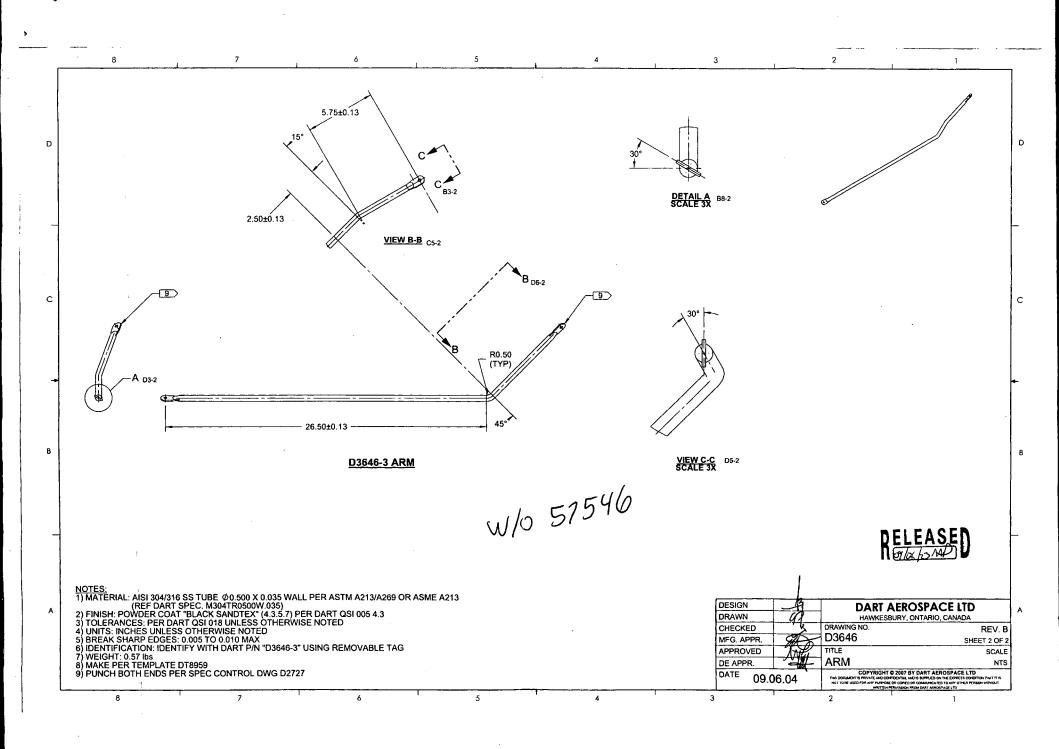
Remember....

- Lean is war to WASTE.
- Waste is an activity or output that adds cost but does not add value
- You have to get into a mindset of identifying and eliminating all wastes.

The 7 deadly wastes

- 1. Overproduction
- 3. Transportation
- 5. Unnecessary Inventory
- 7. Unnecessary Motions

- 2. Rework
- 4. Inappropriate / over Processing
- 6. Delays / Waiting





Lean Training Event